FIG.1

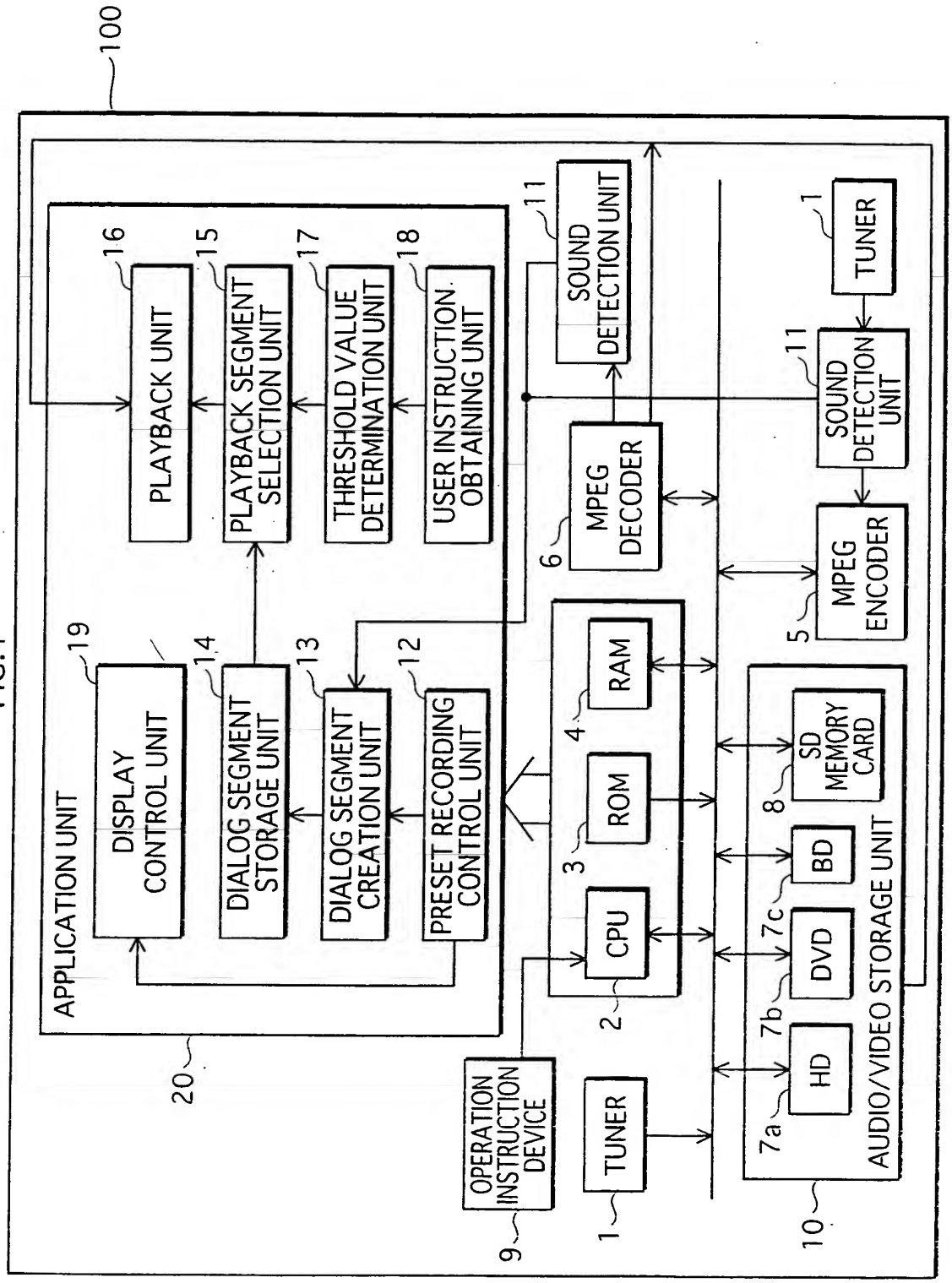

100
APPLICATION UNIT
DISPLAY CONTROL UNIT
19
DIALOG SEGMENT STORAGE UNIT
14
DIALOG SEGMENT CREATION UNIT
13
PRESET RECORDING CONTROL UNIT
12
PLAYBACK UNIT
16
PLAYBACK SEGMENT SELECTION UNIT
15
THRESHOLD VALUE DETERMINATION UNIT
17
USER INSTRUCTION OBTAINING UNIT
18
20
SOUND DETECTION UNIT
11
MPEG DECODER
6
RAM
4
ROM
3
CPU
2
OPERATION INSTRUCTION DEVICE
9
TUNER
1
MPEG ENCODER
5
SOUND DETECTION UNIT
11
TUNER
1
SD MEMORY CARD
8
BD
7c
DVD
7b
HD
7a
AUDIO/VIDEO STORAGE UNIT
10

FIG.2

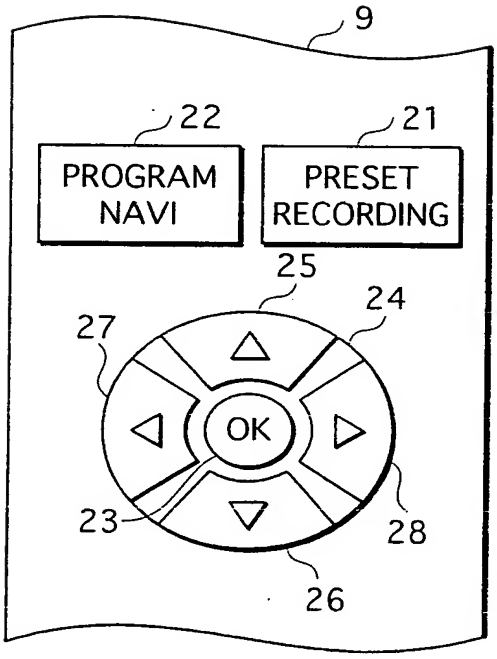


FIG.3

DIALOG SEGMENT LIST

31

	START POINT	END POINT	SOUND INTENSITY AT START POINT	SOUND INTENSITY AT END POINT
DIALOG SEGMENT 1	t_1	t_2	x_{11}	x_{21}
2	t_3	t_4	x_{12}	x_{22}
3	t_5	t_6	x_{13}	x_{23}
4	t_7	t_8	x_{14}	x_{24}
5	t_9	t_{10}	x_{15}	x_{25}
6	t_{11}	t_{12}	x_{16}	x_{26}
7	t_{13}	t_{14}	x_{17}	x_{27}

FIG.4

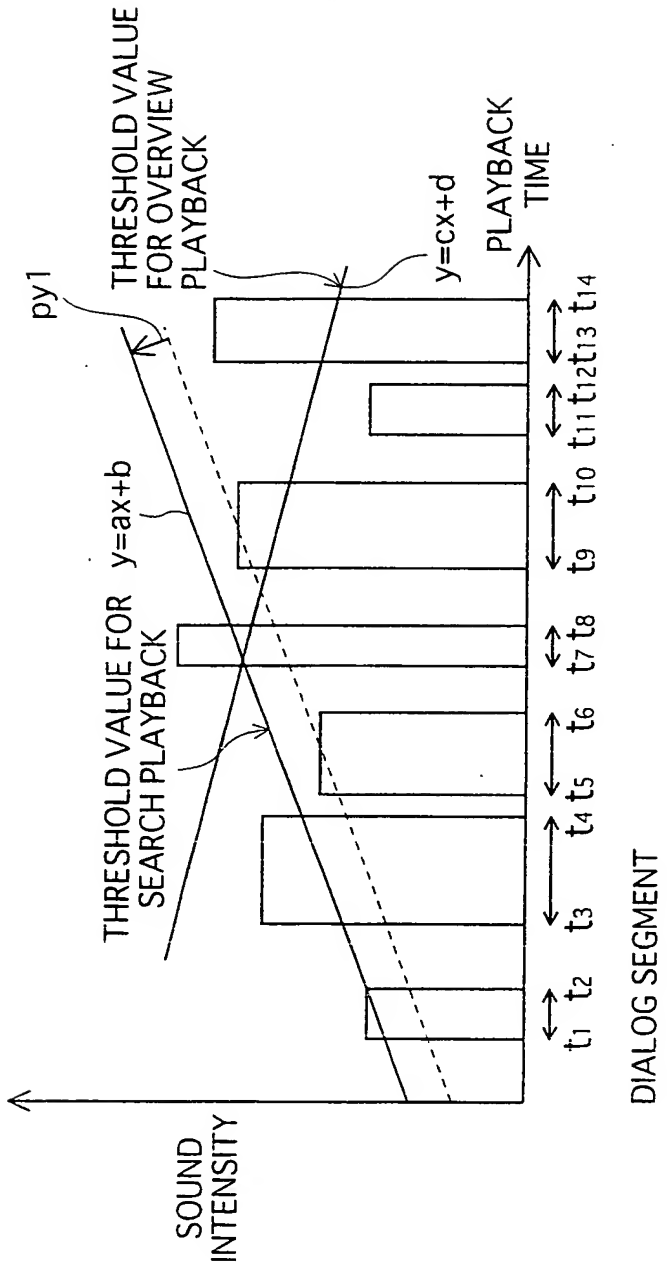

py1
THRESHOLD VALUE FOR OVERVIEW PLAYBACK
y=cx+d
PLAYBACK TIME
y=ax+b
THRESHOLD VALUE FOR SEARCH PLAYBACK
SOUND INTENSITY
t1 t2 t3 t4 t5 t6 t7 t8 t9 t10 t11 t12 t13 t14
DIALOG SEGMENT

FIG.5

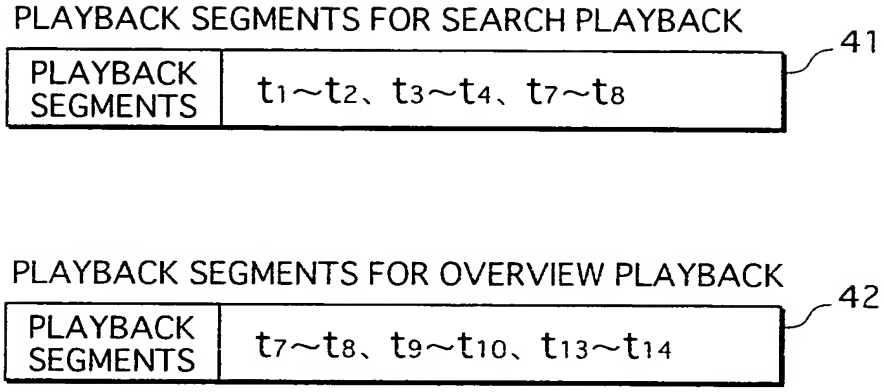

PLAYBACK SEGMENTS FOR SEARCH PLAYBACK
PLAYBACK SEGMENTS
t1~t2、t3~t4、t7~t8
41
PLAYBACK SEGMENTS FOR OVERVIEW PLAYBACK
PLAYBACK SEGMENTS
t7~t8、t9~t10、t13~t14
42

FIG.6

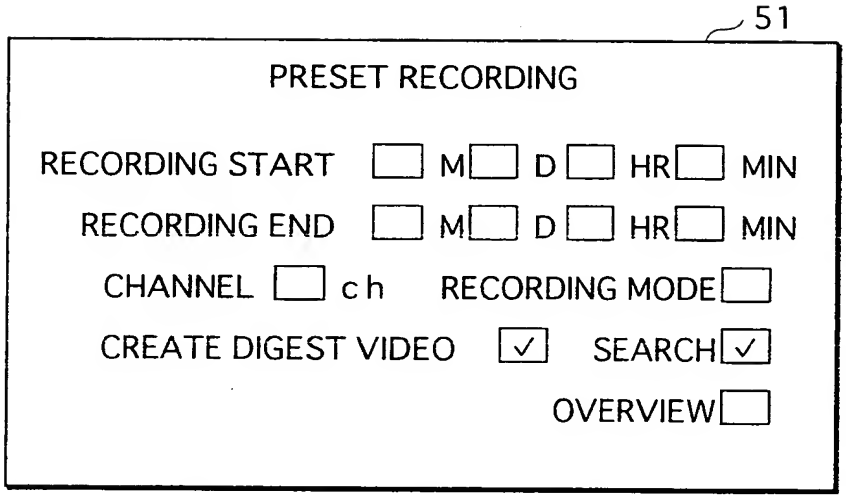

51
PRESET RECORDING
RECORDING START M D HR MIN
RECORDING END M D HR MIN
CHANNEL ch
RECORDING MODE
CREATE DIGEST VIDEO
SEARCH
OVERVIEW

FIG.7

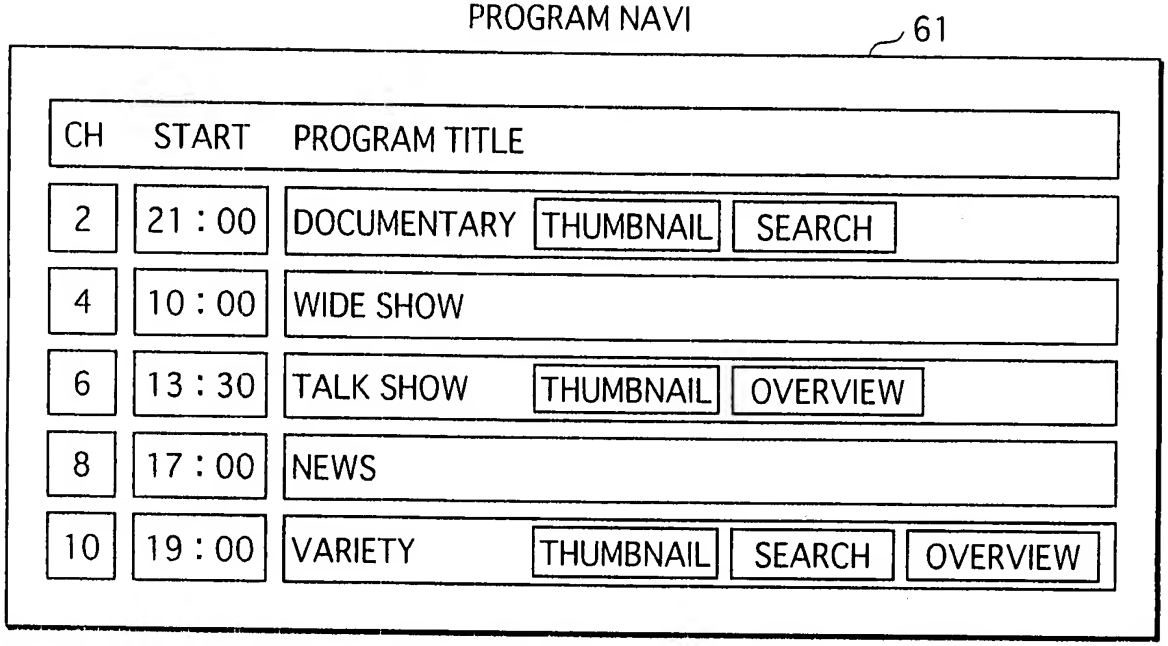

PROGRAM NAVI
61
CH
START
PROGRAM TITLE
2
21 : 00
DOCUMENTARY
THUMBNAIL
SEARCH
4
10 : 00
WIDE SHOW
6
13 : 30
TALK SHOW
THUMBNAIL
OVERVIEW
8
17 : 00
NEWS
10
19 : 00
VARIETY
THUMBNAIL
SEARCH
OVERVIEW

FIG.8

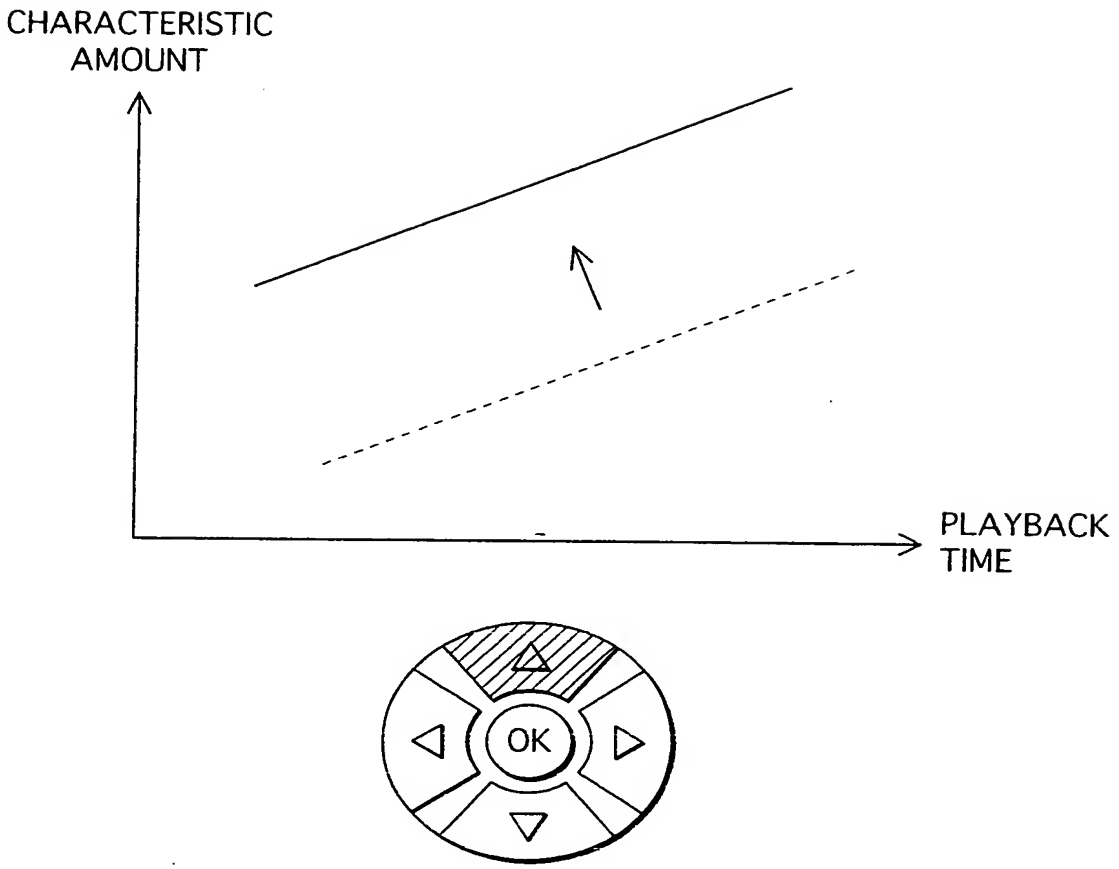


FIG.9

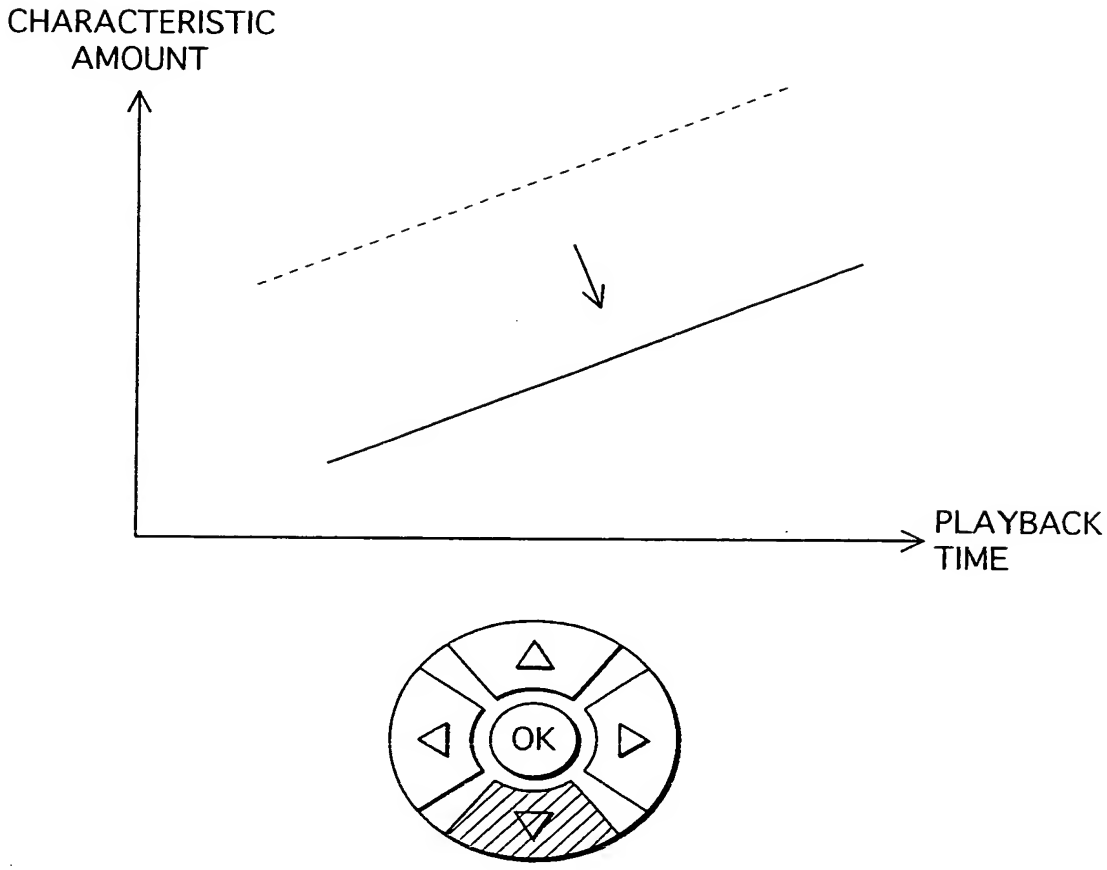


FIG.10

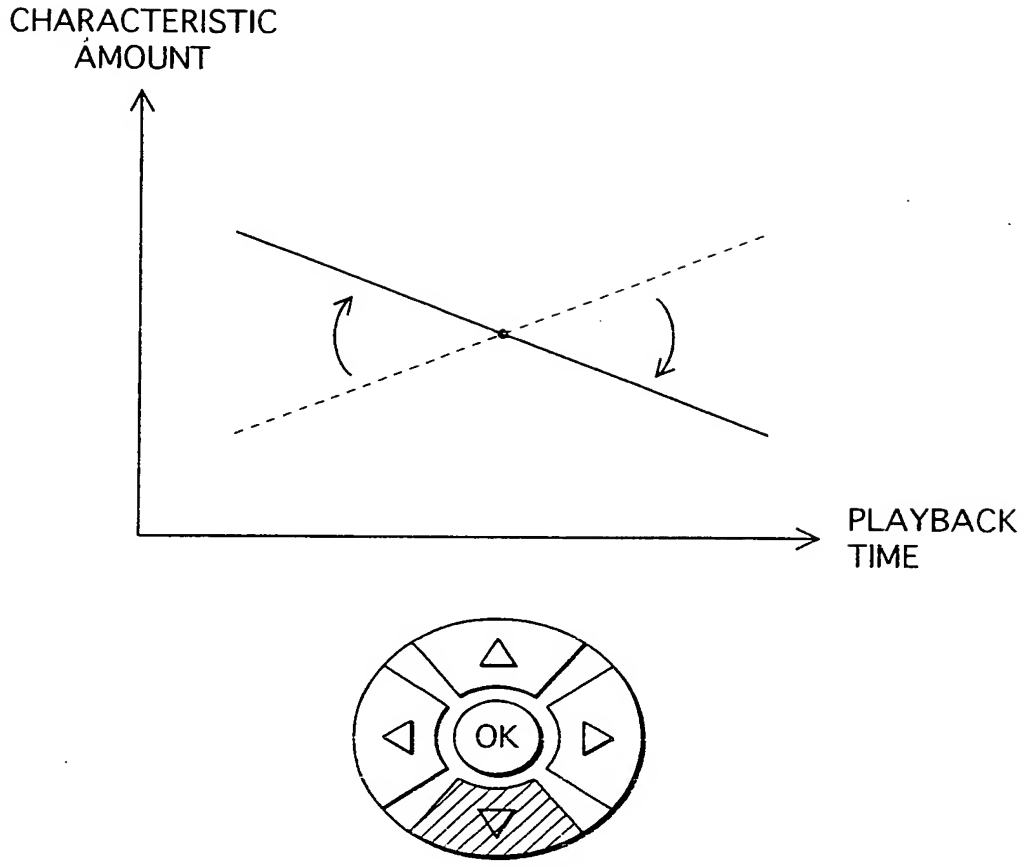


FIG.11

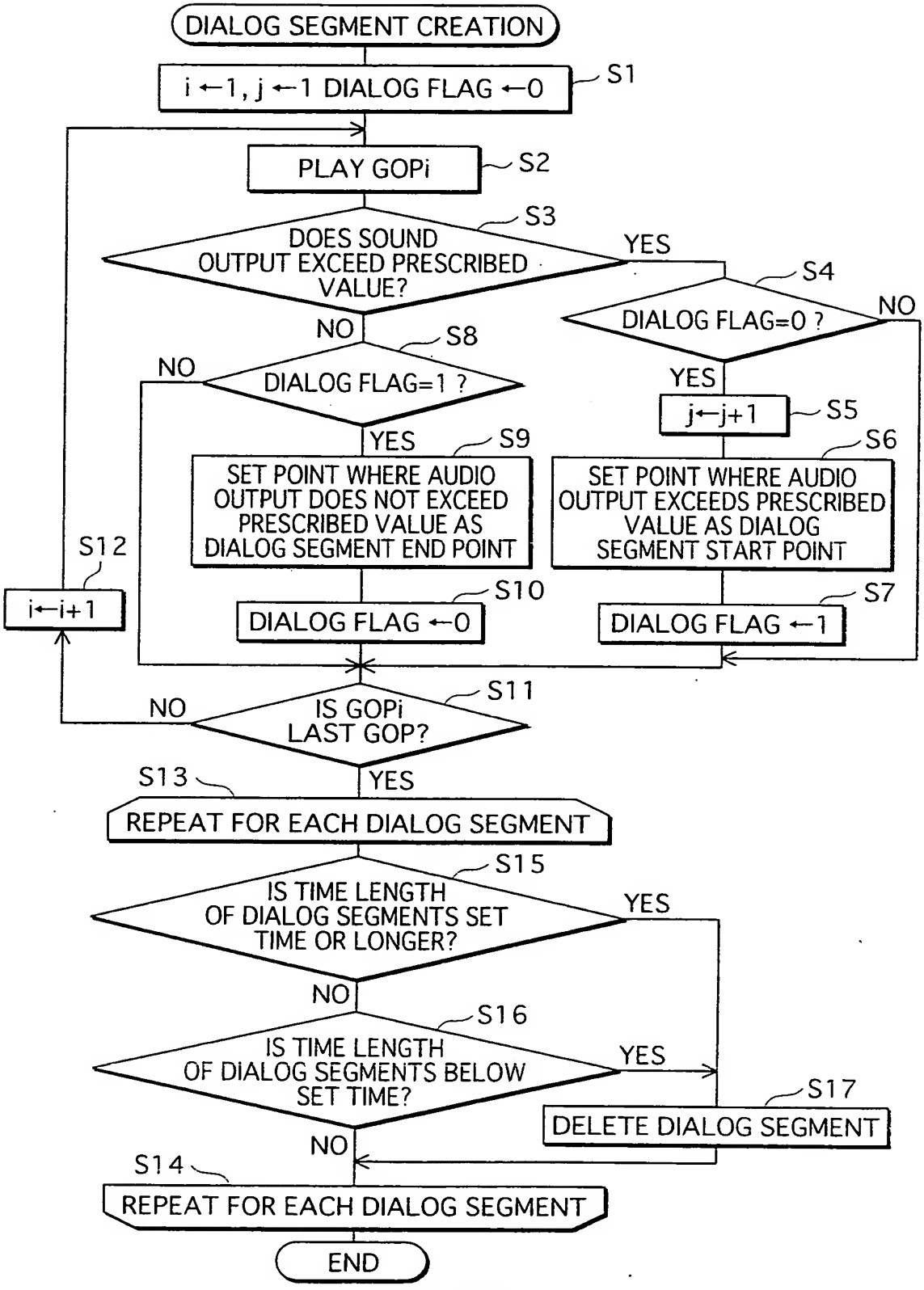

DIALOG SEGMENT CREATION
i←1, j←1 DIALOG FLAG←0
S1
PLAY GOPi
S2
DOES SOUND OUTPUT EXCEED PRESCRIBED VALUE?
S3
YES
NO
DIALOG FLAG=0 ?
S4
NO
YES
j←j+1
S5
DIALOG FLAG=1 ?
S8
NO
YES
SET POINT WHERE AUDIO OUTPUT DOES NOT EXCEED PRESCRIBED VALUE AS DIALOG SEGMENT END POINT
S9
SET POINT WHERE AUDIO OUTPUT EXCEEDS PRESCRIBED VALUE AS DIALOG SEGMENT START POINT
S6
S12
i←i+1
DIALOG FLAG←0
S10
DIALOG FLAG←1
S7
IS GOPi LAST GOP?
S11
NO
YES
REPEAT FOR EACH DIALOG SEGMENT
S13
IS TIME LENGTH OF DIALOG SEGMENTS SET TIME OR LONGER?
S15
YES
NO
IS TIME LENGTH OF DIALOG SEGMENTS BELOW SET TIME?
S16
YES
DELETE DIALOG SEGMENT
S17
NO
REPEAT FOR EACH DIALOG SEGMENT
S14
END

FIG.12

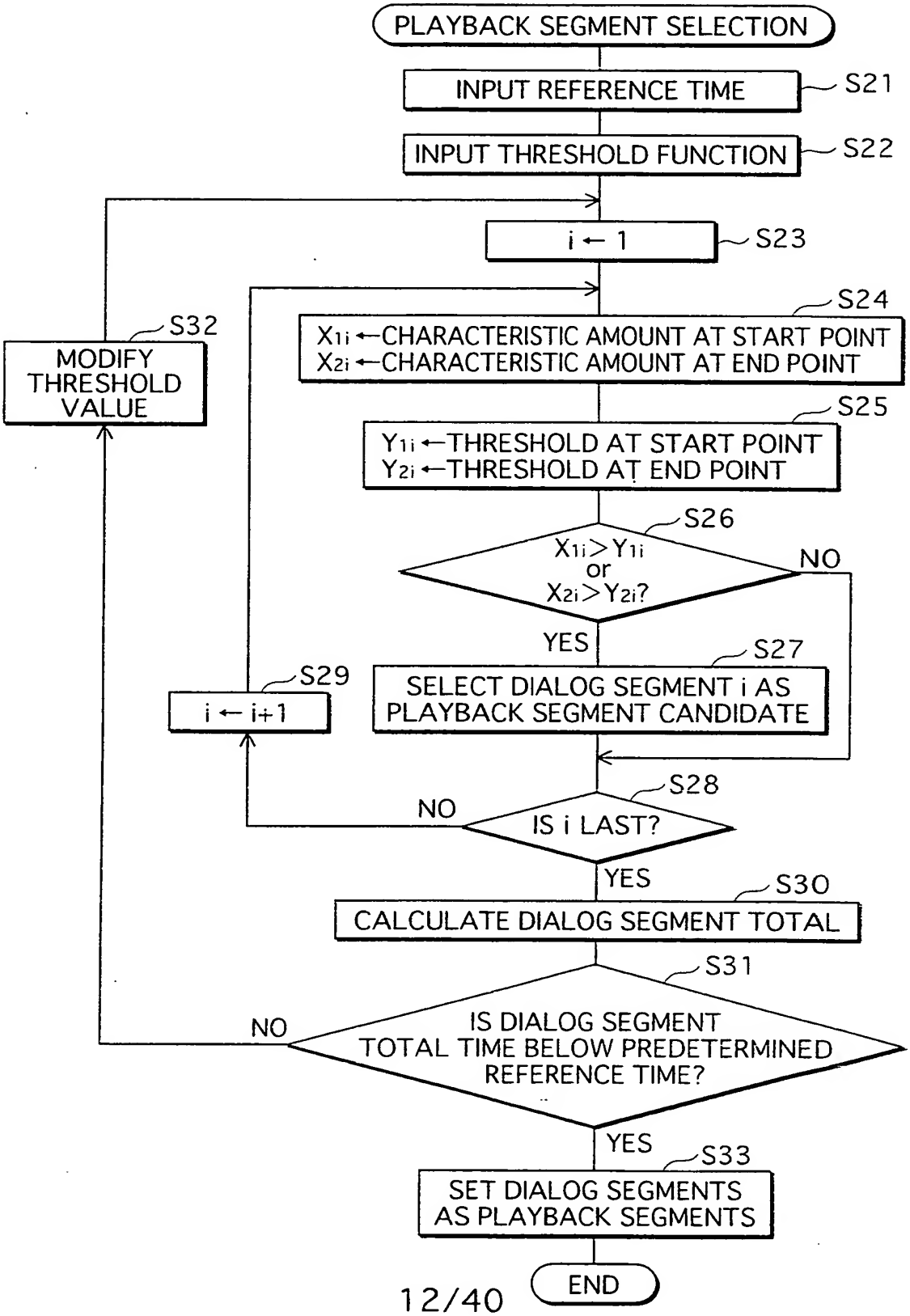

PLAYBACK SEGMENT SELECTION
INPUT REFERENCE TIME
S21
INPUT THRESHOLD FUNCTION
S22
i ← 1
S23
S24
X1i ←CHARACTERISTIC AMOUNT AT START POINT
X2i ←CHARACTERISTIC AMOUNT AT END POINT
S25
Y1i ←THRESHOLD AT START POINT
Y2i ←THRESHOLD AT END POINT
S26
X1i>Y1i or X2i>Y2i?
NO
YES
S27
SELECT DIALOG SEGMENT i AS PLAYBACK SEGMENT CANDIDATE
S28
IS i LAST?
NO
YES
S29
i ← i+1
S30
CALCULATE DIALOG SEGMENT TOTAL
S31
IS DIALOG SEGMENT TOTAL TIME BELOW PREDETERMINED REFERENCE TIME?
NO
YES
S32
MODIFY THRESHOLD VALUE
S33
SET DIALOG SEGMENTS AS PLAYBACK SEGMENTS
END

FIG.13

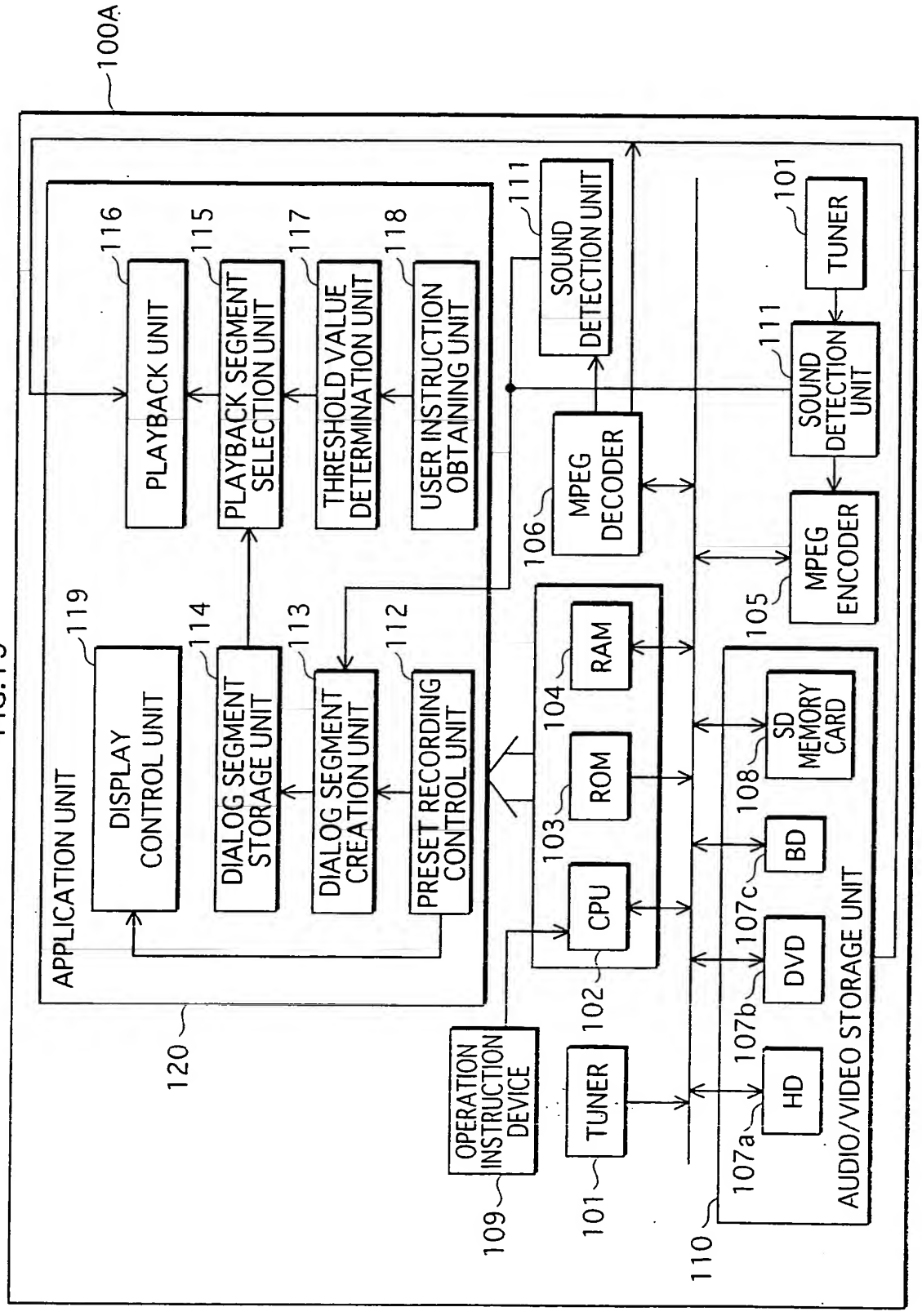

100A
APPLICATION UNIT
DISPLAY CONTROL UNIT
DIALOG SEGMENT STORAGE UNIT
DIALOG SEGMENT CREATION UNIT
PRESET RECORDING CONTROL UNIT
PLAYBACK UNIT
PLAYBACK SEGMENT SELECTION UNIT
THRESHOLD VALUE DETERMINATION UNIT
USER INSTRUCTION OBTAINING UNIT
119
114
113
112
116
115
117
118
120
SOUND DETECTION UNIT
MPEG DECODER
111
106
TUNER
SOUND DETECTION UNIT
MPEG ENCODER
101
111
105
RAM
ROM
CPU
104
103
102
OPERATION INSTRUCTION DEVICE
TUNER
109
101
SD MEMORY CARD
BD
DVD
HD
108
107c
107b
107a
110
AUDIO/VIDEO STORAGE UNIT

FIG.14

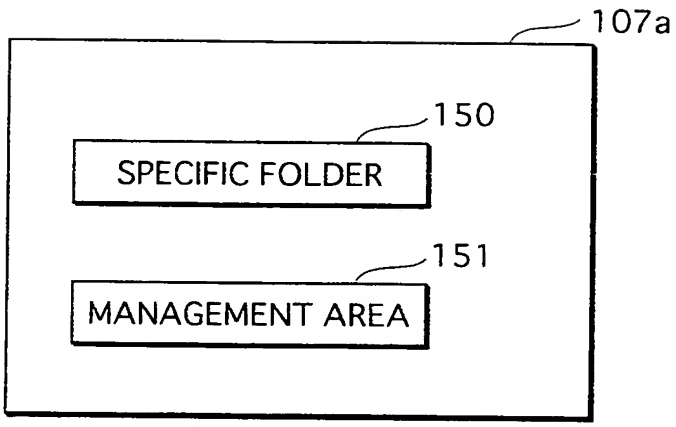


FIG.15

PROGRAM MANAGEMENT TABLE T100

PROGRAM ID	PROGRAM NAME	RECORDING DATE-TIME	BROADCAST STATION NO.	RECORDING TIME (MIN)
P1	DRAMA ABC	2004/9/27 21:00	8	60
P2	DRAMA ABC	2004/10/4 21:00	8	60
P3	DRAMA ABC	2004/10/11 21:00	8	60
P4	SPORT PROGRAM	2004/10/16 19:00	2	120
P5	DRAMA ABC	2004/10/18 21:00	8	60
P6	DRAMA ABC	2004/10/25 21:00	8	60
P7	MOVIE PROGRAM	2004/10/29 21:00	10	120
⋮	⋮	⋮	⋮	⋮

FIG.16

T110

HISTORY MANAGEMENT TABLE

USER IDENTIFIER	1
HISTORY INFORMATION	P1
	P2
	P3
	P4
	P5
	P6
	⋮

T111

HISTORY MANAGEMENT TABLE

USER IDENTIFIER	2
HISTORY INFORMATION	P1
	P2
	P4
	P5
	P6
	P7
	⋮

T112

HISTORY MANAGEMENT TABLE

USER IDENTIFIER	3
HISTORY INFORMATION	P1
	P2
	P3
	P5
	P6
	P7
	⋮

T113

HISTORY MANAGEMENT TABLE

USER IDENTIFIER	4
HISTORY INFORMATION	P1
	P2
	P3
	P4
	P5
	P6
	P7
	⋮

FIG.17

DIALOG SEGMENT TABLE ← T121

PROGRAM ID	P1 ← 131			
	START POINT	END POINT	SOUND INTENSITY AT START POINT	SOUND INTENSITY AT END POINT
DIALOG SEGMENT11	t11	t12	x11	x12
DIALOG SEGMENT12	t13	t14	x13	x14
DIALOG SEGMENT13	t15	t16	x15	x16
DIALOG SEGMENT14	t17	t18	x17	x18

} 132

DIALOG SEGMENT TABLE ← T122

PROGRAM ID	P2			
	START POINT	END POINT	SOUND INTENSITY AT START POINT	SOUND INTENSITY AT END POINT
DIALOG SEGMENT21	t21	t22	x21	x22
DIALOG SEGMENT22	t23	t24	x23	x24
DIALOG SEGMENT23	t25	t26	x25	x26
DIALOG SEGMENT24	t27	t28	x27	x28

DIALOG SEGMENT TABLE ← T123

PROGRAM ID	P3			
	START POINT	END POINT	SOUND INTENSITY AT START POINT	SOUND INTENSITY AT END POINT
DIALOG SEGMENT31	t31	t32	x31	x32
DIALOG SEGMENT32	t33	t34	x33	x34
DIALOG SEGMENT33	t35	t36	x35	x36
DIALOG SEGMENT34	t37	t38	x37	x38

FIG.18

DIALOG SEGMENT TABLE ← T124

PROGRAM ID	P5			
	START POINT	END POINT	SOUND INTENSITY AT START POINT	SOUND INTENSITY AT END POINT
DIALOG SEGMENT41	t41	t42	x41	x42
DIALOG SEGMENT42	t43	t44	x43	x44
DIALOG SEGMENT43	t45	t46	x45	x46
DIALOG SEGMENT44	t47	t48	x47	x48

DIALOG SEGMENT TABLE ← T125

PROGRAM ID	P6			
	START POINT	END POINT	SOUND INTENSITY AT START POINT	SOUND INTENSITY AT END POINT
DIALOG SEGMENT51	t51	t52	x51	x52
DIALOG SEGMENT52	t53	t54	x53	x54
DIALOG SEGMENT53	t55	t56	x55	x56
DIALOG SEGMENT54	t57	t58	x57	x58

FIG.19

T130

WORKING TABLE

PROGRAM ID	PROGRAM NAME	RECORDING DATE-TIME	BROADCAST STATION NO.	RECORDING TIME (MIN)	
P1	DRAMA ABC	2004/9/27 21:00	8	60	140
P2	DRAMA ABC	2004/10/4 21:00	8	60	141
P3	DRAMA ABC	2004/10/11 21:00	8	60	142
P5	DRAMA ABC	2004/10/18 21:00	8	60	143
P6	DRAMA ABC	2004/10/25 21:00	8	60	144

FIG.20

T135

WORKING DIALOG SEGMENT LIST

	START POINT	END POINT	SOUND INTENSITY AT START POINT	SOUND INTENSITY AT END POINT
DIALOG SEGMENT11	t11	t12	x11	x12
DIALOG SEGMENT12	t13	t14	x13	x14
DIALOG SEGMENT13	t15	t16	x15	x16
DIALOG SEGMENT14	t17	t18	x17	x18
DIALOG SEGMENT21	t21+60	t22+60	x21	x22
DIALOG SEGMENT22	t23+60	t24+60	x23	x24
DIALOG SEGMENT23	t25+60	t26+60	x25	x26
DIALOG SEGMENT24	t27+60	t28+60	x27	x28
DIALOG SEGMENT31	t31+120	t32+120	x31×1.5	x32×1.5
DIALOG SEGMENT32	t33+120	t34+120	x33×1.5	x34×1.5
DIALOG SEGMENT33	t35+120	t36+120	x35×1.5	x36×1.5
DIALOG SEGMENT34	t37+120	t38+120	x37×1.5	x38×1.5
DIALOG SEGMENT41	t41+180	t42+180	x41	x42
DIALOG SEGMENT42	t43+180	t44+180	x43	x44
DIALOG SEGMENT43	t45+180	t46+180	x45	x46
DIALOG SEGMENT44	t47+180	t48+180	x47	x48
DIALOG SEGMENT51	t51+240	t52+240	x51	x52
DIALOG SEGMENT52	t53+240	t54+240	x53	x54
DIALOG SEGMENT53	t55+240	t56+240	x55	x56
DIALOG SEGMENT54	t57+240	t58+240	x57	x58

FIG.21

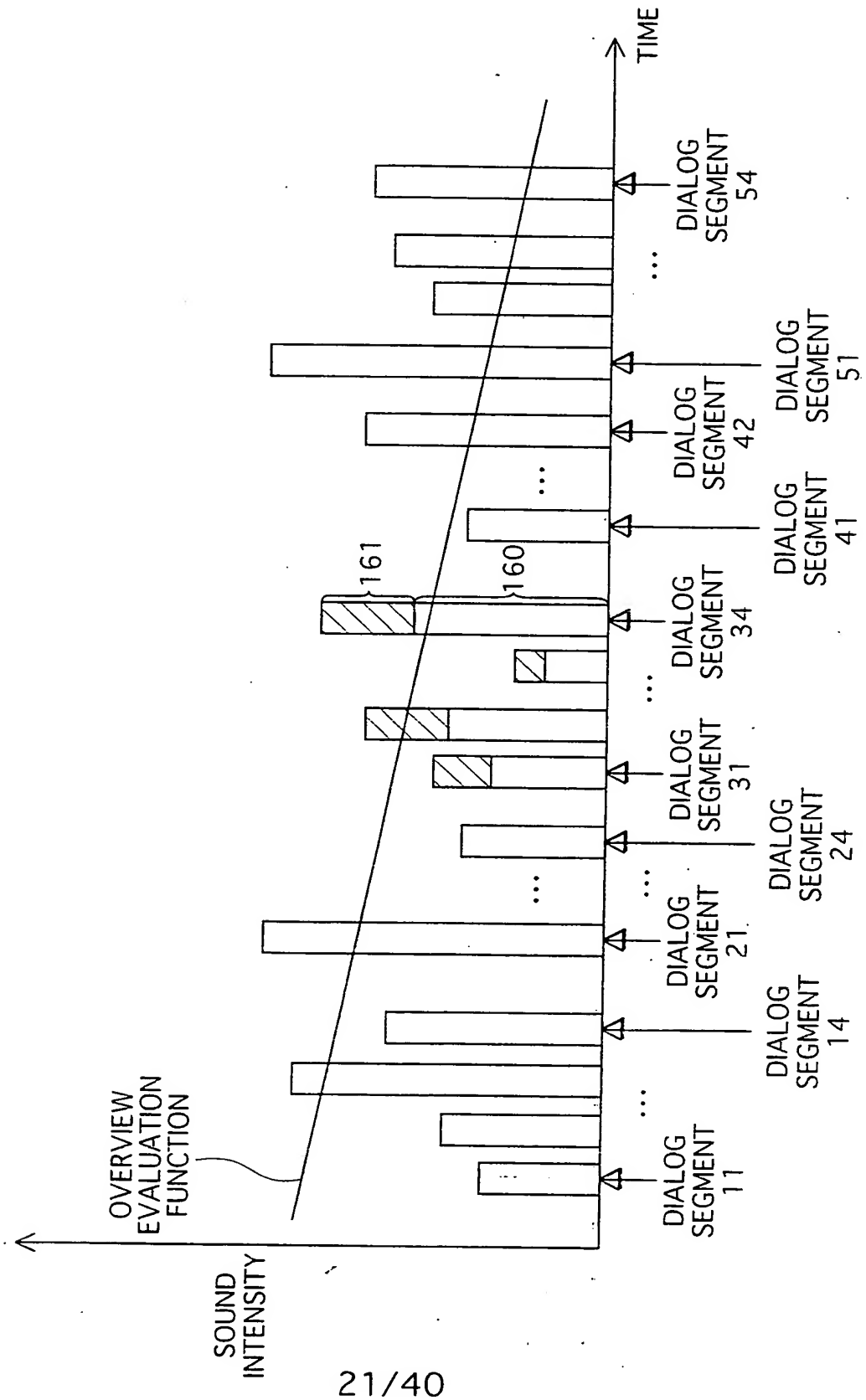

TIME
SOUND INTENSITY
OVERVIEW EVALUATION FUNCTION
DIALOG SEGMENT 11
DIALOG SEGMENT 14
DIALOG SEGMENT 21
DIALOG SEGMENT 24
DIALOG SEGMENT 31
DIALOG SEGMENT 34
DIALOG SEGMENT 41
DIALOG SEGMENT 42
DIALOG SEGMENT 51
DIALOG SEGMENT 54
160
161

FIG.22

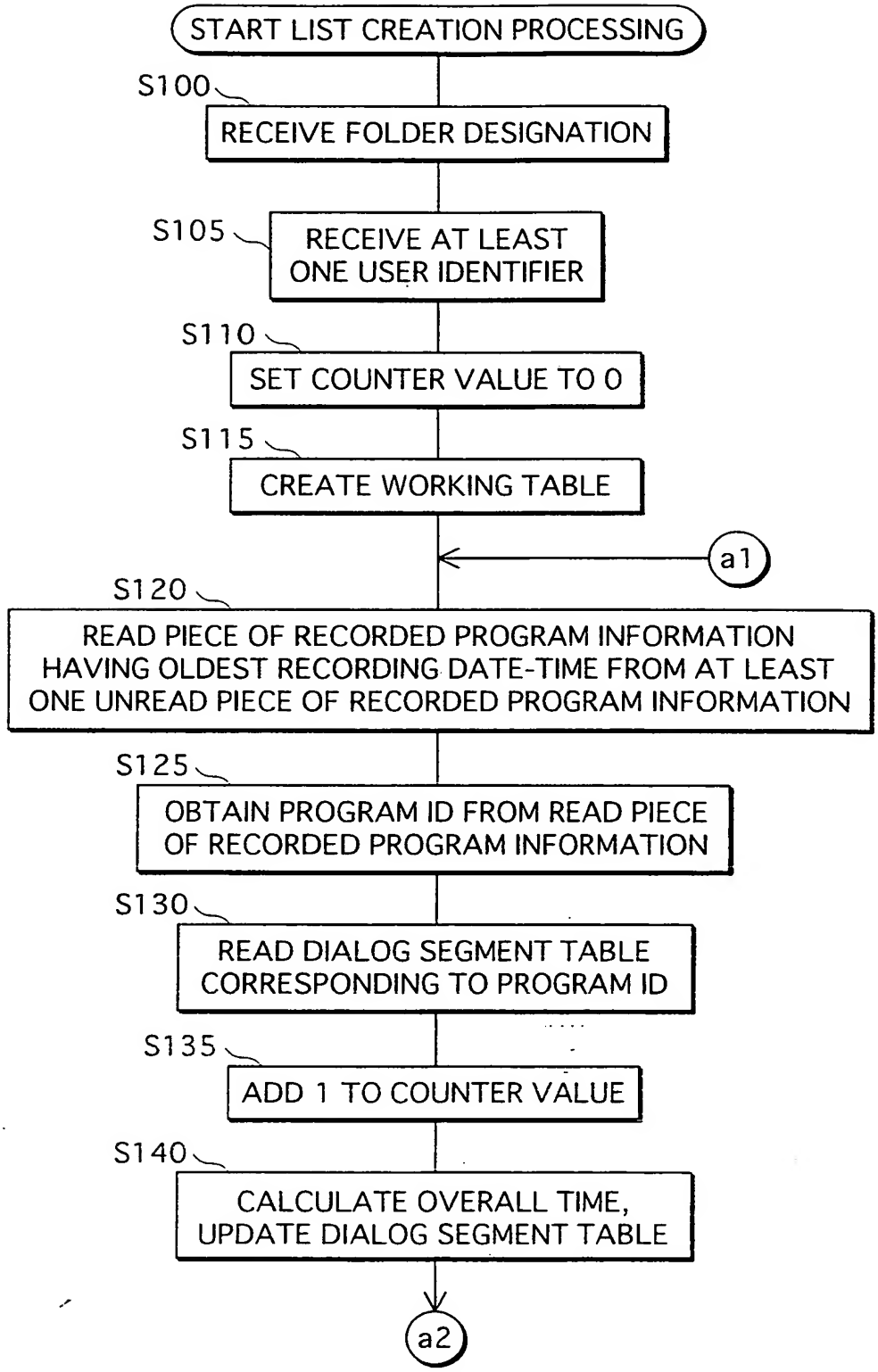
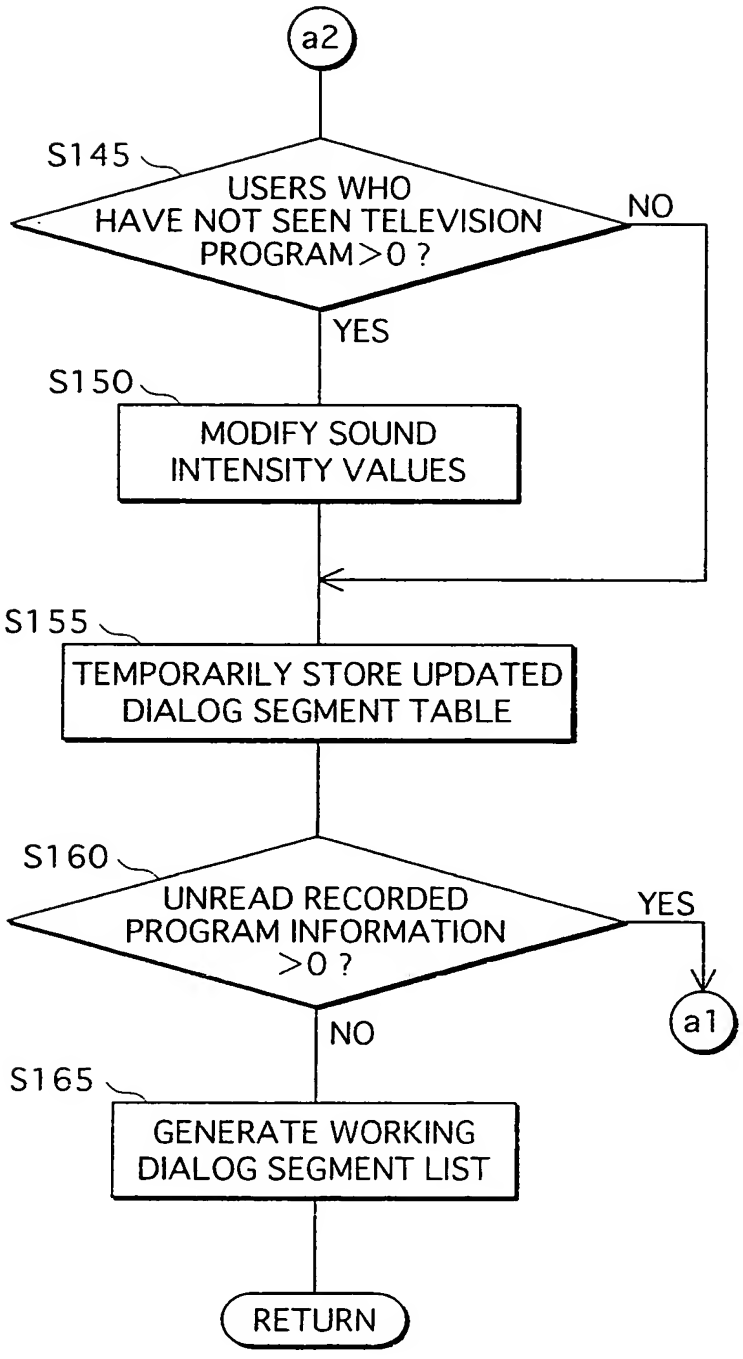

START LIST CREATION PROCESSING
S100
RECEIVE FOLDER DESIGNATION
S105
RECEIVE AT LEAST ONE USER IDENTIFIER
S110
SET COUNTER VALUE TO 0
S115
CREATE WORKING TABLE
a1
S120
READ PIECE OF RECORDED PROGRAM INFORMATION HAVING OLDEST RECORDING DATE-TIME FROM AT LEAST ONE UNREAD PIECE OF RECORDED PROGRAM INFORMATION
S125
OBTAIN PROGRAM ID FROM READ PIECE OF RECORDED PROGRAM INFORMATION
S130
READ DIALOG SEGMENT TABLE CORRESPONDING TO PROGRAM ID
S135
ADD 1 TO COUNTER VALUE
S140
CALCULATE OVERALL TIME, UPDATE DIALOG SEGMENT TABLE
a2

FIG.23


a2
S145
USERS WHO HAVE NOT SEEN TELEVISION PROGRAM>0 ?
NO
YES
S150
MODIFY SOUND INTENSITY VALUES
S155
TEMPORARILY STORE UPDATED DIALOG SEGMENT TABLE
S160
UNREAD RECORDED PROGRAM INFORMATION >0 ?
YES
a1
NO
S165
GENERATE WORKING DIALOG SEGMENT LIST
RETURN

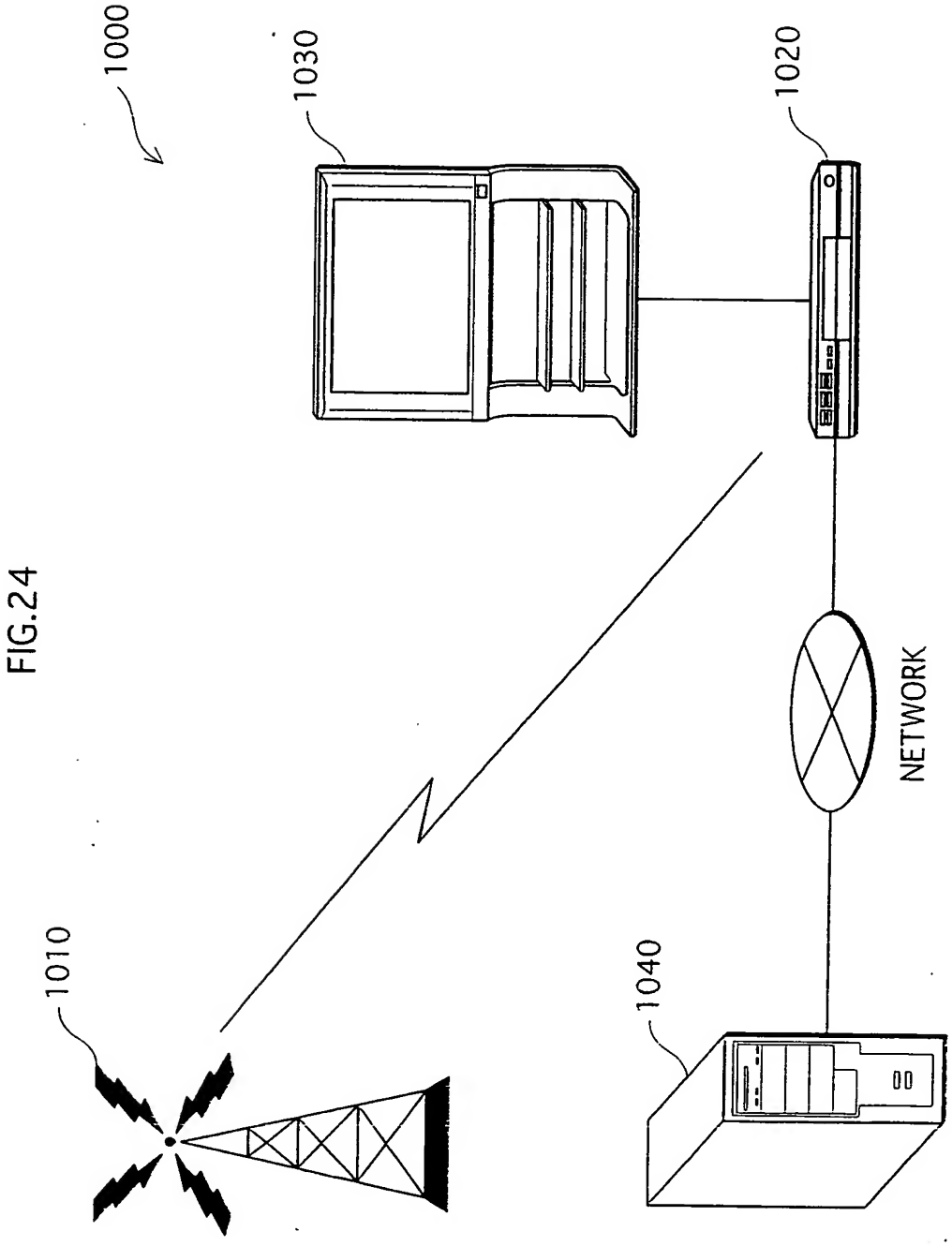


FIG.24

FIG.25

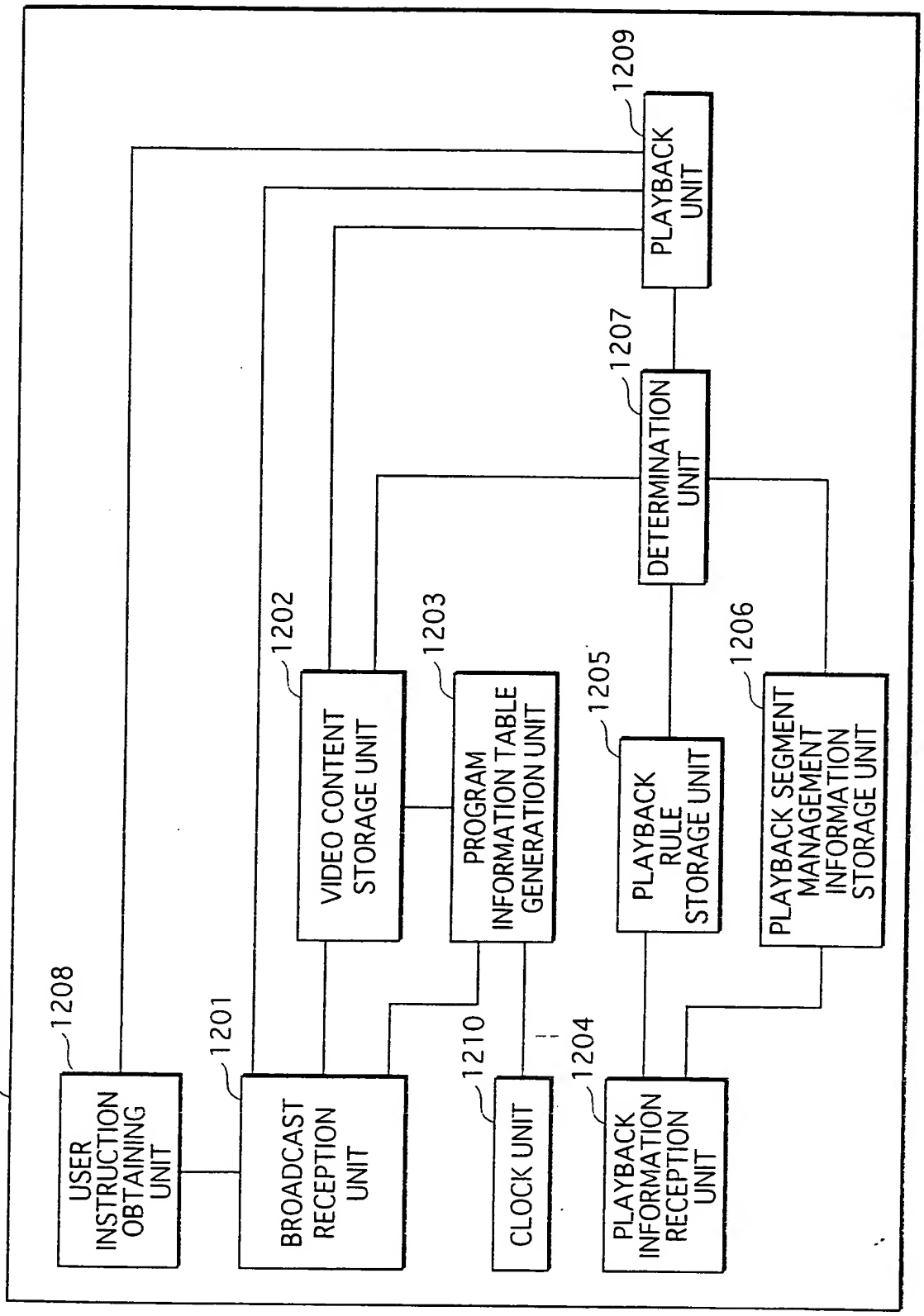

1020
1208
USER INSTRUCTION OBTAINING UNIT
1201
BROADCAST RECEPTION UNIT
1202
VIDEO CONTENT STORAGE UNIT
1203
PROGRAM INFORMATION TABLE GENERATION UNIT
1210
CLOCK UNIT
1204
PLAYBACK INFORMATION RECEPTION UNIT
1205
PLAYBACK RULE STORAGE UNIT
1206
PLAYBACK SEGMENT MANAGEMENT INFORMATION STORAGE UNIT
1207
DETERMINATION UNIT
1209
PLAYBACK UNIT

FIG.26

T1000

RECORDED PROGRAM INFORMATION TABLE

PROGRAM ID	PROGRAM NAME	GENRE ID	RECORDING DATE-TIME	BROADCAST STATION NO.
1	DRAMA PROGRAM 1	003(DRAMA)	2003/10/10 21:00	10
2	CARTOON PROGRAM 1	004(CARTOON)	2003/10/15 21:00	10
3	DRAMA PROGRAM 2	003(DRAMA)	2003/10/22 19:00	8
4	MOVIE PROGRAM 1	002(MOVIE)	2003/10/23 21:00	6
5	MOVIE PROGRAM 2	002(MOVIE)	2003/10/30 21:00	6
6	NEWS PROGRAM 1	001(NEWS)	2003/11/1 21:01	4
⋮	⋮	⋮	⋮	⋮

FIG.27

T1010

PLAYBACK RULE
DETERMINATION TABLE

GENRE ID	RULE ID
001	001
002	004
003	003
004	002
⋮	⋮

FIG.28

T1020

PLAYBACK RULE INFORMATION TABLE

RULE ID	INFORMATION TYPE	PLAYBACK ORDER	PLAYBACK TIME
001	USER PROFILE INFORMATION 1	ORDER OF IMPORTANCE	00:10:00
002	USER PROFILE INFORMATION 1	CHRONOLOGICAL ORDER	00:10:00
003	VIEWERSHIP INFORMATION 1	CHRONOLOGICAL ORDER	00:10:00
128	SUBTITLE APPEARANCE INFORMATION 2	CHRONOLOGICAL ORDER	00:50:00
325	USER PROFILE INFORMATION 5	ORDER OF IMPORTANCE	00:10:00
⋮	⋮	⋮	⋮

FIG.29

USER PROFILE INFORMATION 1 ← T1030

SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:03:00	30
2	00:10:00	00:01:00	25
3	00:20:00	00:05:00	45
4	00:30:00	00:03:00	5
⋮	⋮	⋮	⋮

USER PROFILE INFORMATION 5 ← T1031

SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:01:00	2
2	00:10:00	00:04:00	38
3	00:20:00	00:05:00	40
4	00:30:00	00:02:00	10
⋮	⋮	⋮	⋮

VIEWERSHIP INFORMATION 1 ← T1032

SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:02:00	15
2	00:10:00	00:05:00	40
3	00:20:00	00:03:00	25
4	00:30:00	00:03:00	30
⋮	⋮	⋮	⋮

SUBTITLE APPEARANCE INFORMATION 2 ← T1033

SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:01:00	10
2	00:10:00	00:03:00	25
3	00:20:00	00:03:00	30
4	00:30:00	00:05:00	45
⋮	⋮	⋮	⋮

FIG.30

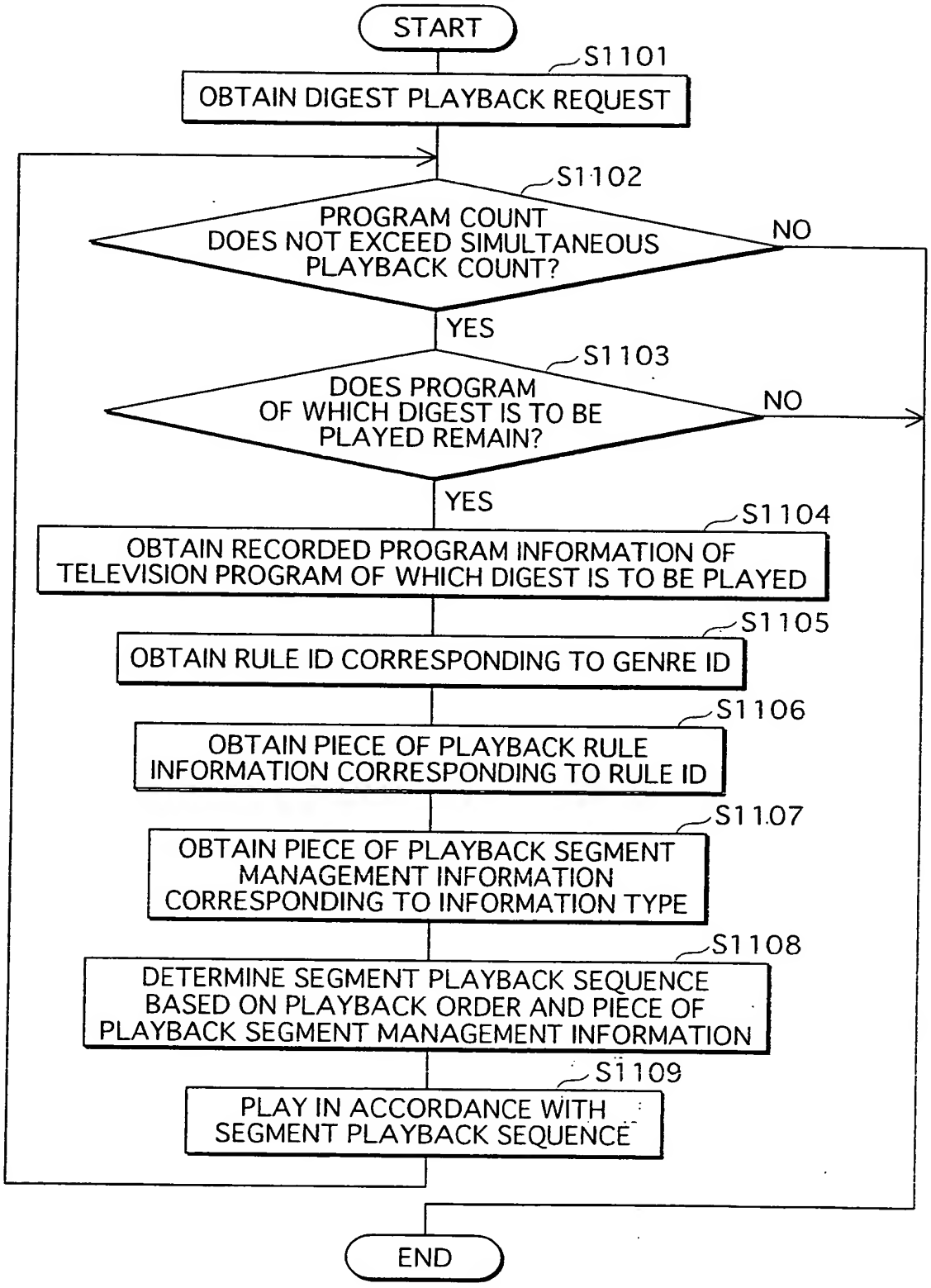

START
S1101
OBTAIN DIGEST PLAYBACK REQUEST
S1102
PROGRAM COUNT DOES NOT EXCEED SIMULTANEOUS PLAYBACK COUNT?
NO
YES
S1103
DOES PROGRAM OF WHICH DIGEST IS TO BE PLAYED REMAIN?
NO
YES
S1104
OBTAIN RECORDED PROGRAM INFORMATION OF TELEVISION PROGRAM OF WHICH DIGEST IS TO BE PLAYED
S1105
OBTAIN RULE ID CORRESPONDING TO GENRE ID
S1106
OBTAIN PIECE OF PLAYBACK RULE INFORMATION CORRESPONDING TO RULE ID
S1107
OBTAIN PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION CORRESPONDING TO INFORMATION TYPE
S1108
DETERMINE SEGMENT PLAYBACK SEQUENCE BASED ON PLAYBACK ORDER AND PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION
S1109
PLAY IN ACCORDANCE WITH SEGMENT PLAYBACK SEQUENCE
END

FIG.31

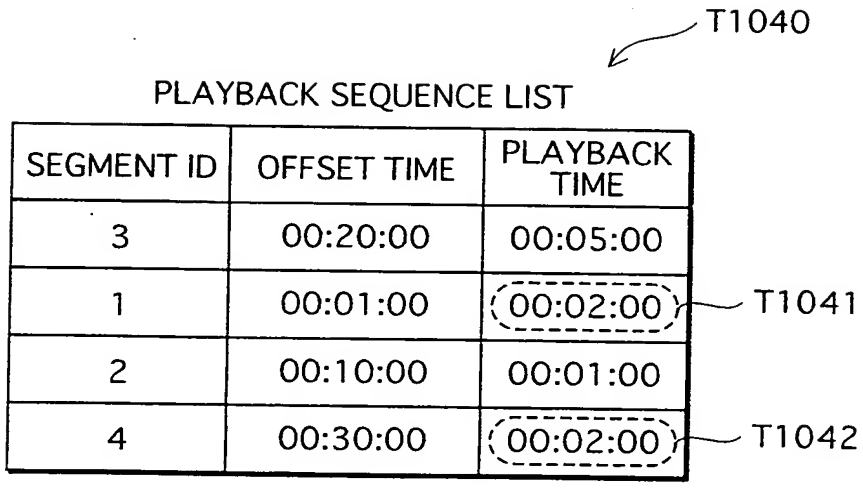

T1040
PLAYBACK SEQUENCE LIST
SEGMENT ID
OFFSET TIME
PLAYBACK TIME
3
00:20:00
00:05:00
1
00:01:00
00:02:00
T1041
2
00:10:00
00:01:00
4
00:30:00
00:02:00
T1042

FIG.32

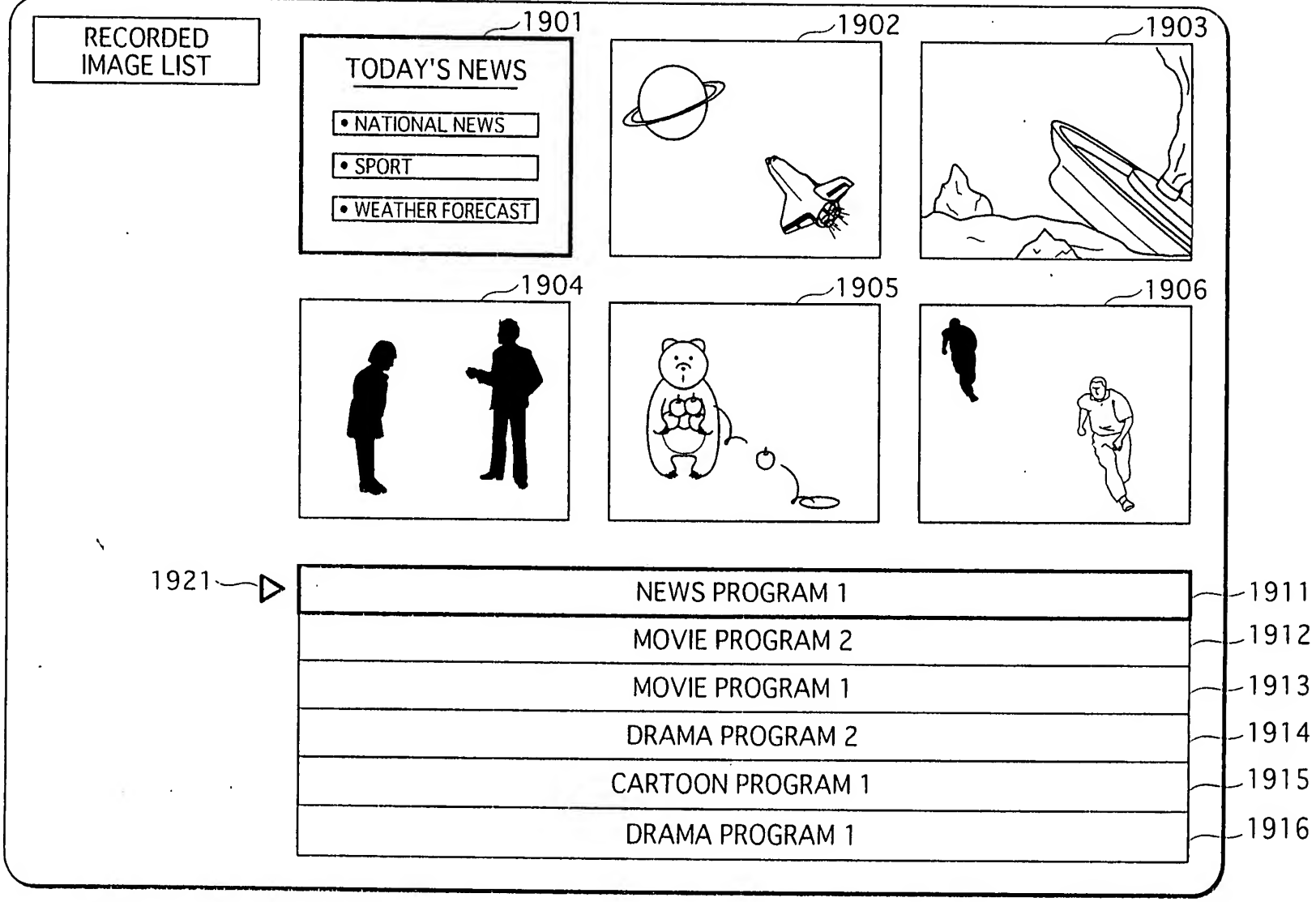

RECORDED IMAGE LIST
1901
TODAY'S NEWS
• NATIONAL NEWS
• SPORT
• WEATHER FORECAST
1902
1903
1904
1905
1906
1921
NEWS PROGRAM 1
MOVIE PROGRAM 2
MOVIE PROGRAM 1
DRAMA PROGRAM 2
CARTOON PROGRAM 1
DRAMA PROGRAM 1
1911
1912
1913
1914
1915
1916

FIG.33

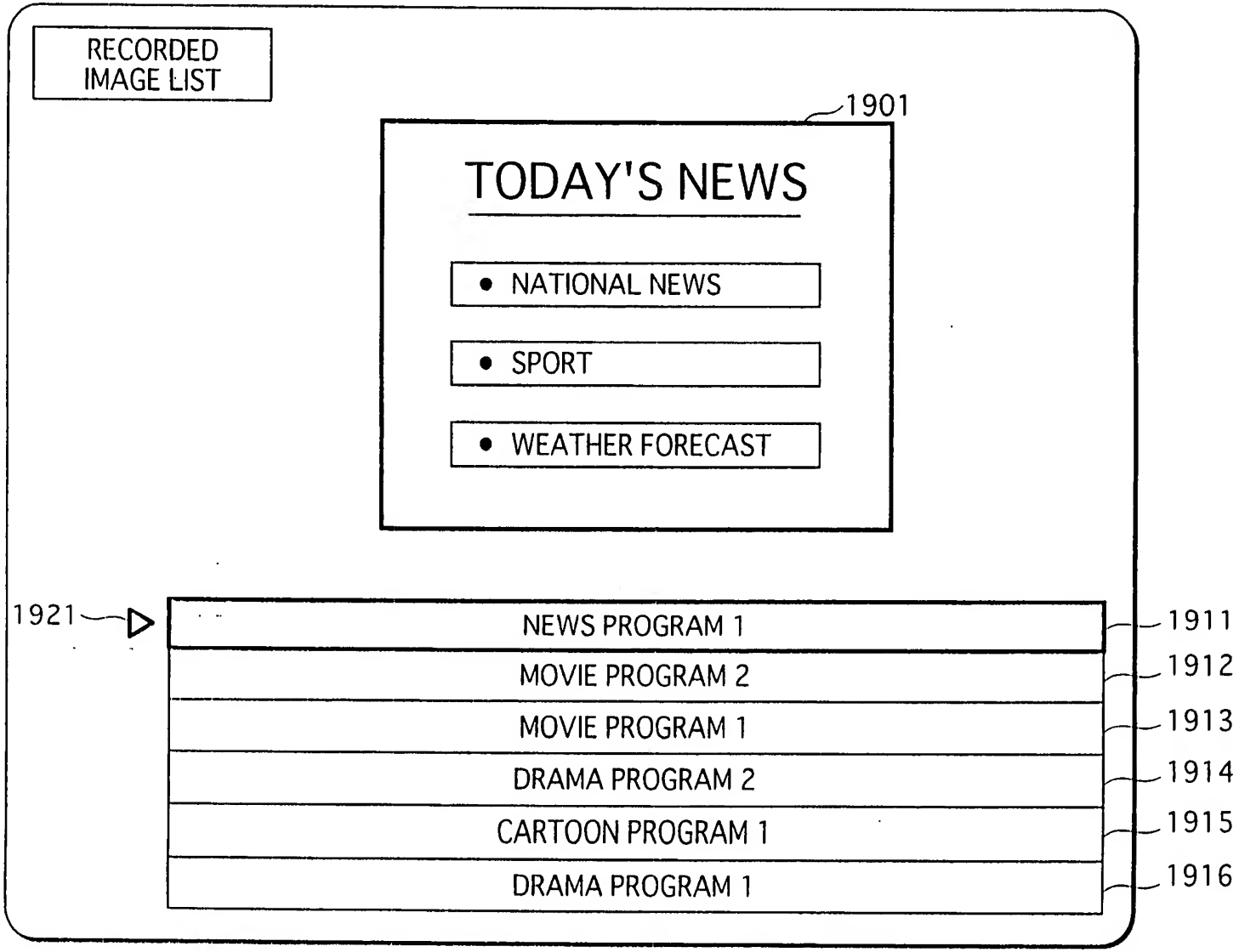

RECORDED IMAGE LIST
1901
TODAY'S NEWS
• NATIONAL NEWS
• SPORT
• WEATHER FORECAST
1921
NEWS PROGRAM 1
MOVIE PROGRAM 2
MOVIE PROGRAM 1
DRAMA PROGRAM 2
CARTOON PROGRAM 1
DRAMA PROGRAM 1
1911
1912
1913
1914
1915
1916

FIG.34

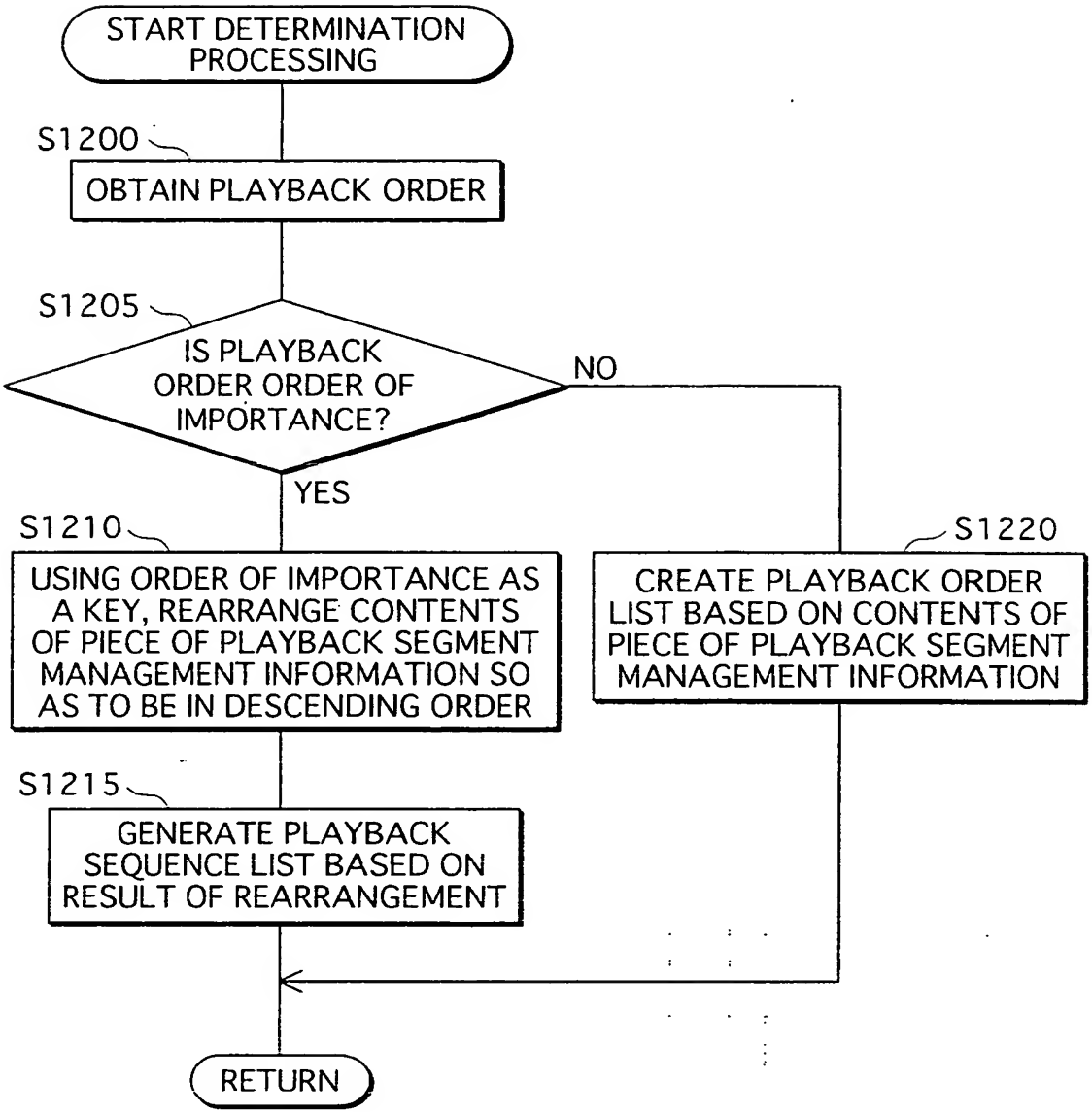

START DETERMINATION PROCESSING
S1200
OBTAIN PLAYBACK ORDER
S1205
IS PLAYBACK ORDER ORDER OF IMPORTANCE?
NO
YES
S1210
USING ORDER OF IMPORTANCE AS A KEY, REARRANGE CONTENTS OF PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION SO AS TO BE IN DESCENDING ORDER
S1220
CREATE PLAYBACK ORDER LIST BASED ON CONTENTS OF PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION
S1215
GENERATE PLAYBACK SEQUENCE LIST BASED ON RESULT OF REARRANGEMENT
RETURN

FIG.35

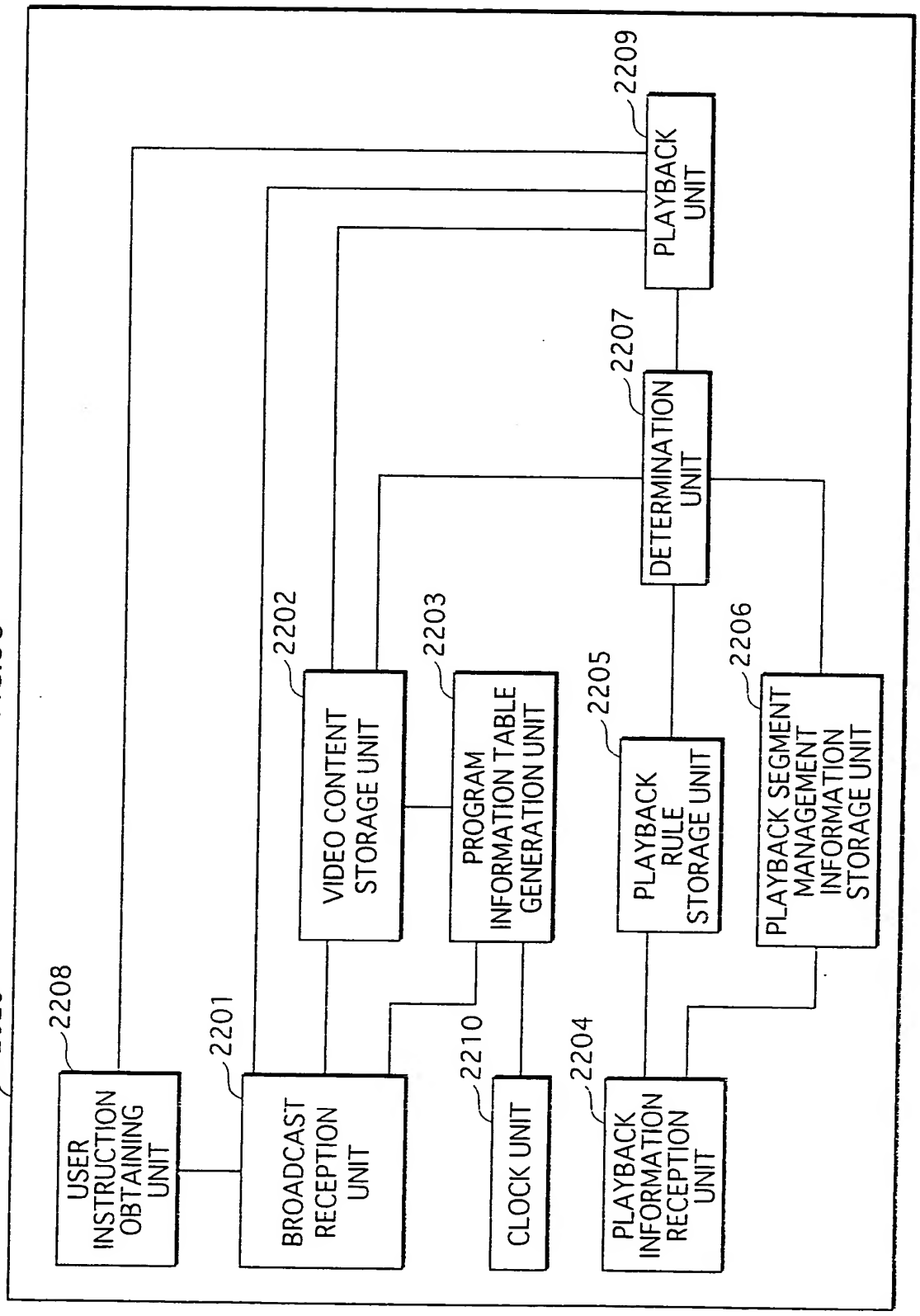

2020
2208
USER INSTRUCTION OBTAINING UNIT
2201
BROADCAST RECEPTION UNIT
2202
VIDEO CONTENT STORAGE UNIT
2203
PROGRAM INFORMATION TABLE GENERATION UNIT
2210
CLOCK UNIT
2204
PLAYBACK INFORMATION RECEPTION UNIT
2205
PLAYBACK RULE STORAGE UNIT
2206
PLAYBACK SEGMENT MANAGEMENT INFORMATION STORAGE UNIT
2207
DETERMINATION UNIT
2209
PLAYBACK UNIT

FIG.36

T2020

PLAYBACK RULE INFORMATION TABLE

RULE ID	INFORMATION TYPE	PLAYBACK ORDER	PLAYBACK TIME
001	USER PROFILE	ORDER OF IMPORTANCE	00:10:00
002	USER PROFILE	CHRONOLOGICAL ORDER	00:10:00
003	VIEWERSHIP INFORMATION 1	CHRONOLOGICAL ORDER	00:10:00
128	SUBTITLE APPEARANCE INFORMATION 2	CHRONOLOGICAL ORDER	00:50:00
325	USER PROFILE	ORDER OF IMPORTANCE	00:10:00
⋮	⋮	⋮	⋮

FIG.37

USER PROFILE INFORMATION 1

T2030

USER ID	1		
SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:03:00	30
2	00:10:00	00:01:00	25
3	00:20:00	00:05:00	45
4	00:30:00	00:03:00	5
⋮	⋮	⋮	⋮

USER PROFILE INFORMATION 2

T2031

USER ID	2		
SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:03:00	15
2	00:10:00	00:01:00	55
3	00:20:00	00:05:00	15
4	00:30:00	00:03:00	25
⋮	⋮	⋮	⋮

USER PROFILE INFORMATION 3

T2032

USER ID	3		
SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:03:00	10
2	00:10:00	00:01:00	20
3	00:20:00	00:05:00	25
4	00:30:00	00:03:00	50
⋮	⋮	⋮	⋮

FIG.38

T2033

USER PROFILE INFORMATION

SEGMENT ID	OFFSET TIME	PLAYBACK TIME	IMPORTANCE VALUE
1	00:00:00	00:03:00	45
2	00:10:00	00:01:00	80
3	00:20:00	00:05:00	60
4	00:30:00	00:03:00	30
⋮	⋮	⋮	⋮

FIG.39

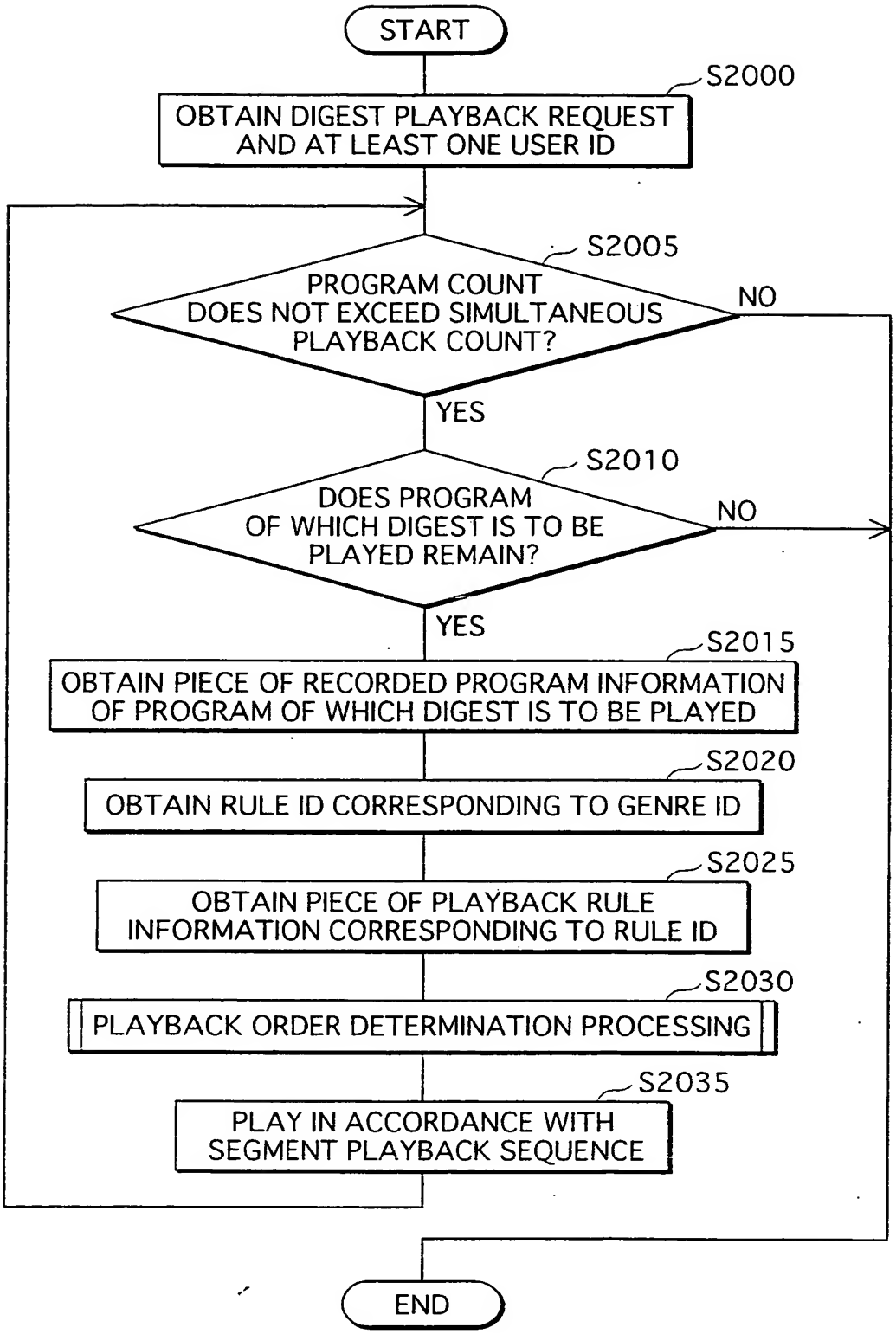
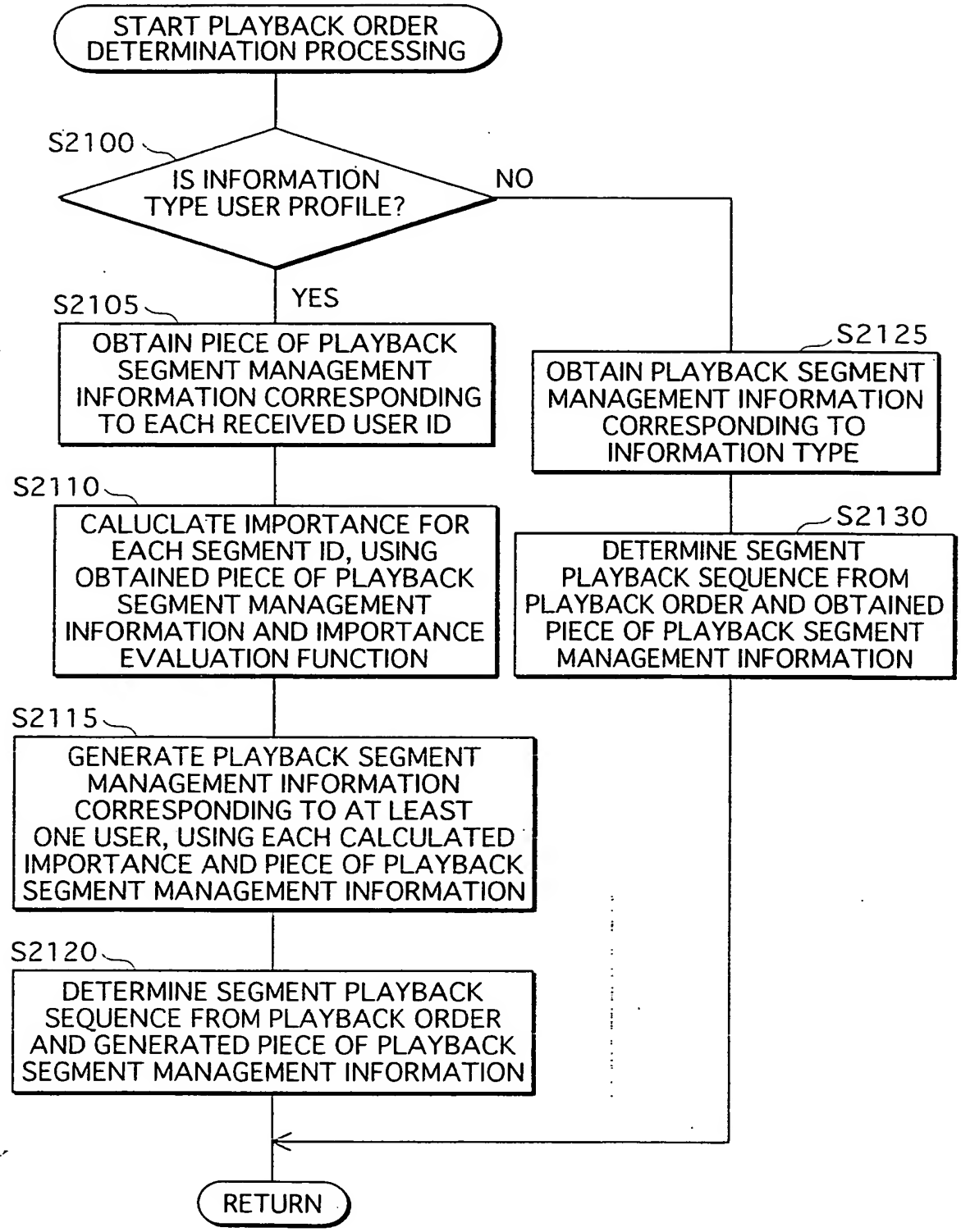

START
S2000
OBTAIN DIGEST PLAYBACK REQUEST AND AT LEAST ONE USER ID
S2005
PROGRAM COUNT DOES NOT EXCEED SIMULTANEOUS PLAYBACK COUNT?
NO
YES
S2010
DOES PROGRAM OF WHICH DIGEST IS TO BE PLAYED REMAIN?
NO
YES
S2015
OBTAIN PIECE OF RECORDED PROGRAM INFORMATION OF PROGRAM OF WHICH DIGEST IS TO BE PLAYED
S2020
OBTAIN RULE ID CORRESPONDING TO GENRE ID
S2025
OBTAIN PIECE OF PLAYBACK RULE INFORMATION CORRESPONDING TO RULE ID
S2030
PLAYBACK ORDER DETERMINATION PROCESSING
S2035
PLAY IN ACCORDANCE WITH SEGMENT PLAYBACK SEQUENCE
END

FIG.40


START PLAYBACK ORDER DETERMINATION PROCESSING
S2100
IS INFORMATION TYPE USER PROFILE?
NO
YES
S2105
OBTAIN PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION CORRESPONDING TO EACH RECEIVED USER ID
S2125
OBTAIN PLAYBACK SEGMENT MANAGEMENT INFORMATION CORRESPONDING TO INFORMATION TYPE
S2110
CALUCLATE IMPORTANCE FOR EACH SEGMENT ID, USING OBTAINED PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION AND IMPORTANCE EVALUATION FUNCTION
S2130
DETERMINE SEGMENT PLAYBACK SEQUENCE FROM PLAYBACK ORDER AND OBTAINED PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION
S2115
GENERATE PLAYBACK SEGMENT MANAGEMENT INFORMATION CORRESPONDING TO AT LEAST ONE USER, USING EACH CALCULATED IMPORTANCE AND PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION
S2120
DETERMINE SEGMENT PLAYBACK SEQUENCE FROM PLAYBACK ORDER AND GENERATED PIECE OF PLAYBACK SEGMENT MANAGEMENT INFORMATION
RETURN